

**CLAIMS**

1. A pharmaceutical composition or biomaterial comprising at least one hyaluronic acid derivative, optionally in combination with an additional pharmacologically or biologically active compound, for the treatment of scarring on the skin.
2. The pharmaceutical composition according to claim 1, wherein said hyaluronic acid derivative is an ester with an alcohol, an auto-crosslinked ester, a cross-linked derivative, a hemiester of succinic acid with hyaluronic acid, an O-sulphated or an O/N-sulphated derivative.
3. Use of a hyaluronic acid derivative for the preparation of biomaterials for the treatment of scarring on the skin, optionally in association with at least one additional pharmacologically or biologically active compound.
4. Use of a hyaluronic acid derivative for the treatment of scarring on the skin, optionally in combination with at least one additional pharmacologically or biologically active compound.
5. Use according to claim 3 or 4, wherein said scarring is normotrophic scarring.
6. Use according to any one of claims 3-5, wherein the hyaluronic acid derivative is an ester of hyaluronic acid wherein a part or all of the carboxy functions are esterified with alcohols of the aliphatic, aromatic, arylaliphatic, cycloaliphatic, and heterocyclic series.
7. Use according to any one of claims 3-5, wherein the derivative of hyaluronic acid is an autocross-linked ester of hyaluronic acid wherein part or all of the carboxy groups are esterified with the alcoholic functions of the same polysaccharide chain or other chains.
8. Use according to any one of claims 3-5, wherein the hyaluronic acid derivative is a cross-linked compound of hyaluronic acid wherein part or all of the carboxy groups are esterified with polyalcohols of the aliphatic, aromatic, arylaliphatic,

cycloaliphatic heterocyclic series, generating cross-linking by means of spacer chains.

9. Use according to any one of claims 3-5, wherein the hyaluronic acid derivative is an hemiester of succinic acid or a heavy metal salt of the hemiester of succinic acid with hyaluronic acid or with partial or total esters of hyaluronic acid.
10. Use according to any one of claims 3-5, wherein the hyaluronic acid derivative is an O-sulphated or O/N-sulphated derivative.
11. Use according to any one of claims 3-5, wherein the hyaluronic acid derivative is an amide derivative of hyaluronic acid.
12. Use according to any one of claims 3-11, wherein the hyaluronic acid derivative is in the form of a gel, guide channel, sponge, non-woven fabric, thread, perforated or non-perforated membrane, microsphere, nanosphere, gauze pad or a combiantion thereof.
13. Use according to any one of claims 3-12, wherein the pharmacologically or biologically active substance is an antibiotic, growth factor, antimicotic, antimicrobial, antiviral agent, disinfectant, phospholipid or anaesthetic.
14. A method for treating scarring of the skin which comprises administering to a patient in need thereof an effective scar treatment amount of a hyaluronic acid derivative.